



Boston

✓ file

ROSALIE RUFFINO - SPRAGUE ENER (V-03-1575)

ANALYTICAL REPORT NO: 440712/ P41302768

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SHORE TANK # 3 (AFTER DISCHARGE T/B KTC 90)
SPRAGUE ENERGY, BUCKSPORT, ME ✓
6 FUEL OIL ON OCTOBER 20, 2003

0.5%

<u>TESTS</u>	<u>METHODS</u>	<u>RESULTS</u>
GRAVITY, API @ 60 DEG F.	ASTM D 4052	14.0
FLASH POINT, F	ASTM D 93	196
SEDIMENT & WATER, VOL. %	ASTM D 1796	0.30
SEDIMENT BY EXTRACTION, WT. %	ASTM D 473	0.07
VISCOSITY, @ 122 F, SFS/CST	ASTM D 445	173.2/367.0
POUR POINT, C	ASTM D 97	+6
SULFUR, WT. %	ASTM D 4294	0.489
ASH, WT. %	ASTM D 482	0.06
GROSS BTU, LB. / GAL.	CALCULATED	18,685/151,330
NITROGEN, WT. %	ASTM D 5762	0.39
ASPHALTENES, WT. %	IP 143	3.2
CONRADSON CARBON RES. WT. %	ASTM D 189	10.8
WATER BY DISTILLATION, VOL. %	ASTM D 95	0.1
SODIUM, PPM WT.	ASTM D 5863	23
VANADIUM, PPM WT.	ASTM D 5863	13

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SGS OIL, GAS & CHEMICALS
BOSTON - OCTOBER 21, 2003

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Approved, 7/16/02 S. Mitchell

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